2006
Insect and Disease Aerial Survey
Cibola National Forest
and Vicinity

1:275,000

0 5 10 15 Miles

Mortality

- Cedar bark beetle
- Douglas-fir beetle
- Fir engraver beetle
- Ips engraver in ponderosa pine
- Piñon ips
- Spruce beetle
- Western balsam bark beetle
- Western pine beetle

50 Estimated number of dead trees
(For mortality agents only; values not shown for 0.25 acre spots, which range from 5 - 25 trees)

Areas with more than one agent are shown with multiple colors

Defoliation

Light Heavy

- Aspen defoliation
- Douglas-fir tussock moth
- Piñon needle scale
- Western spruce budworm

- Areas not surveyed
- National Forest
- National Forest Wilderness
- National Park Service
- Tribal lands
- Major roads
- Community location
- County boundaries

Cibola NF and surrounding Tribal lands surveyed 7/14/2006 - 9/19/2006 by Richard Norris and Daniel Ryerson (Magdalena RD), Forest Health, New Mexico Zone Office, Southwestern Region. Gila NF surveyed 8/7/2006 - 9/19/2006 by Daniel Ryerson.

State and private lands surveyed 7/5/2006 - 7/14/2006 by Stephani Sandoval, New Mexico State University Cooperative Extension Service.

The insect and disease activity depicted here is based on aerial detection surveys and should only be used as a general indicator of incidence. This map represents the mortality and defoliation that has occurred since the previous surveys in 2005. Depending upon the timing of survey, the entire extent of some insect and disease activity may not have been detected. In addition, most diseases cause gradual declines in tree health that are not typically detectable during aerial surveys. Intensity of damage is variable, thus not all trees within a mapped area are dead or defoliated. Caution should be used in interpreting these results due to the subjective nature of aerial sketch mapping and the scale of mapping. Areas of particular concern should be ground-checked for precise determination of location and causal agent.

Map produced by
Forest Health Staff
New Mexico Zone
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UTM Zone 13, North American Datum 1983